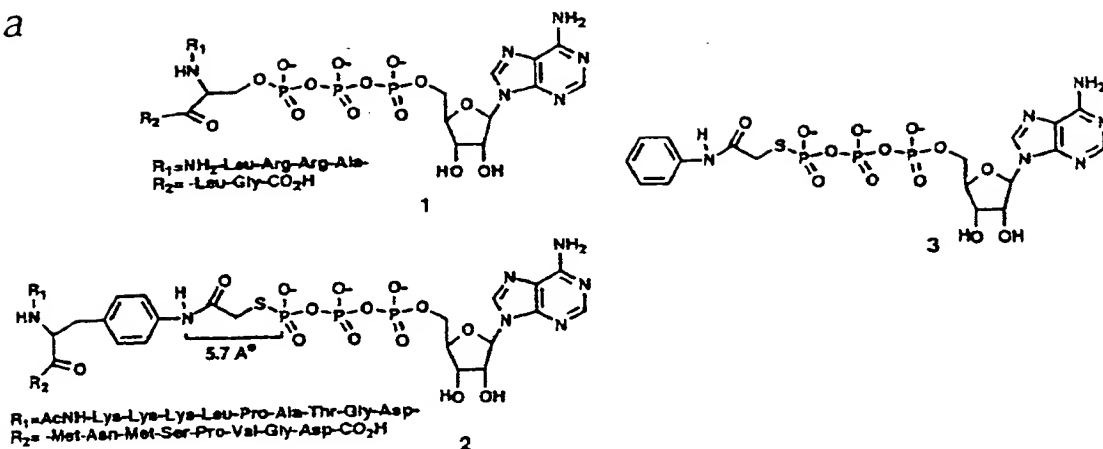
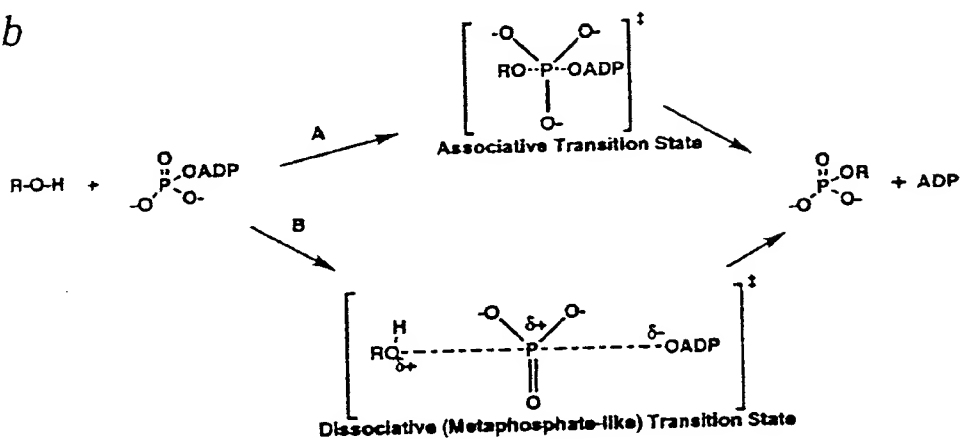


a



b



c

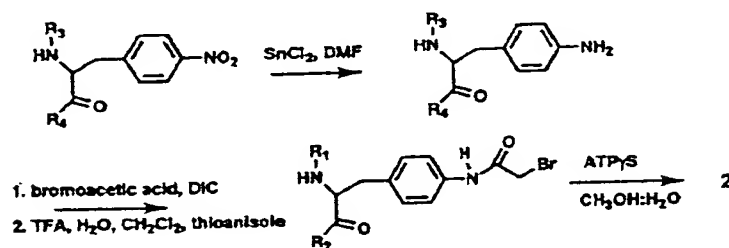
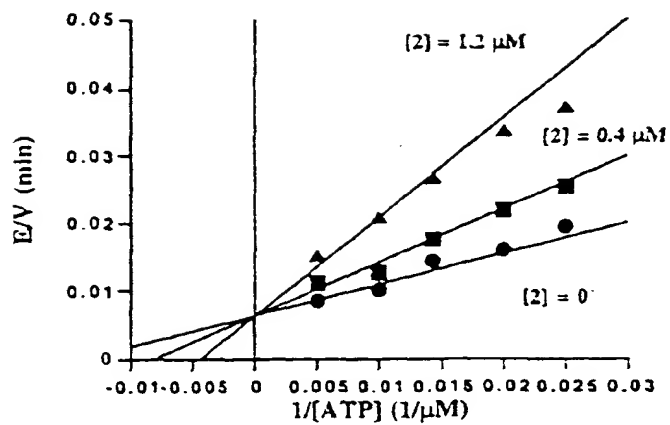
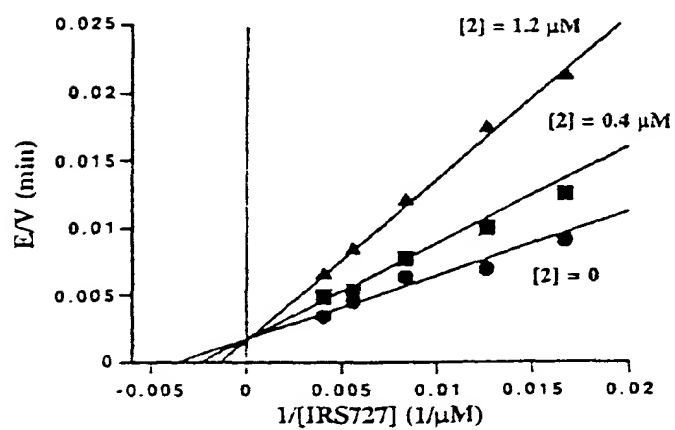


FIG. 1

a



b



c

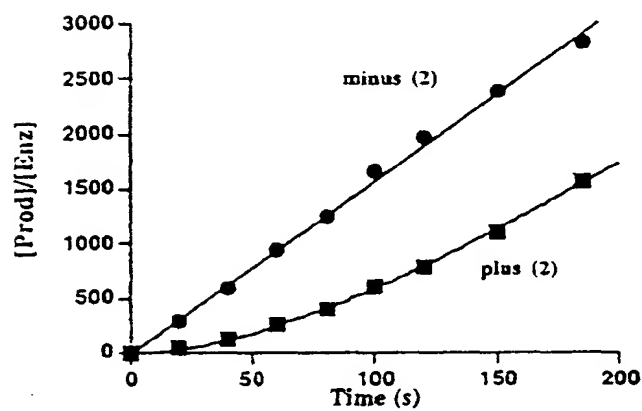
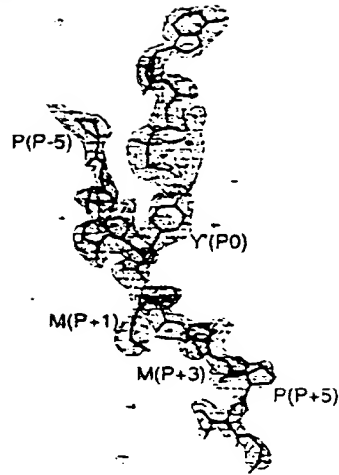
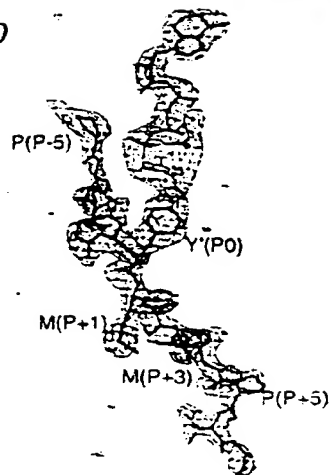


FIG. 2

a



b



c

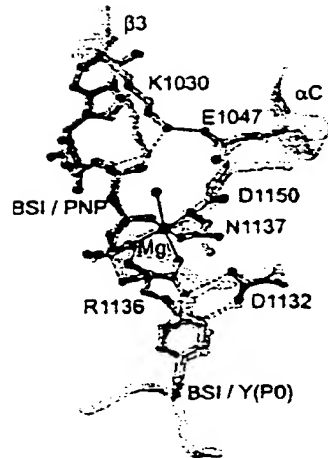
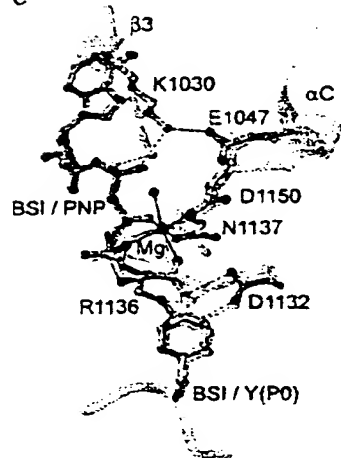
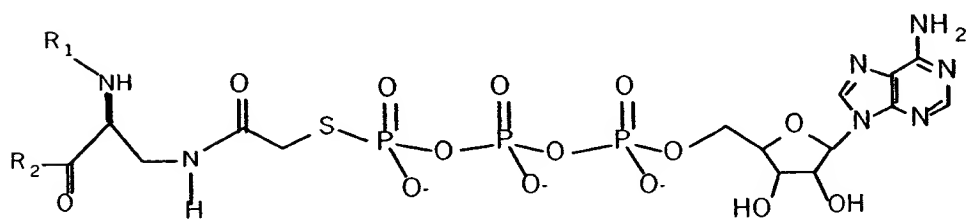
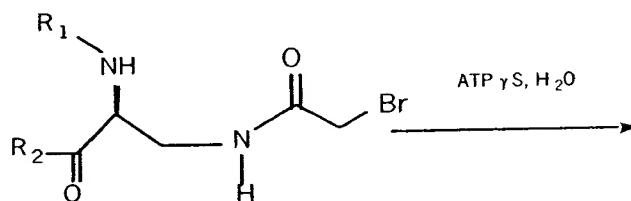
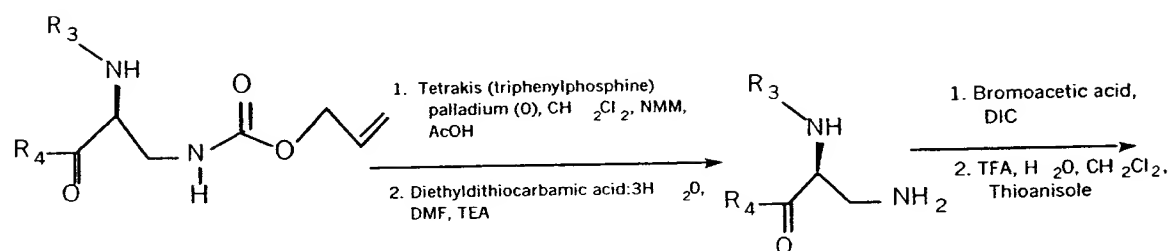
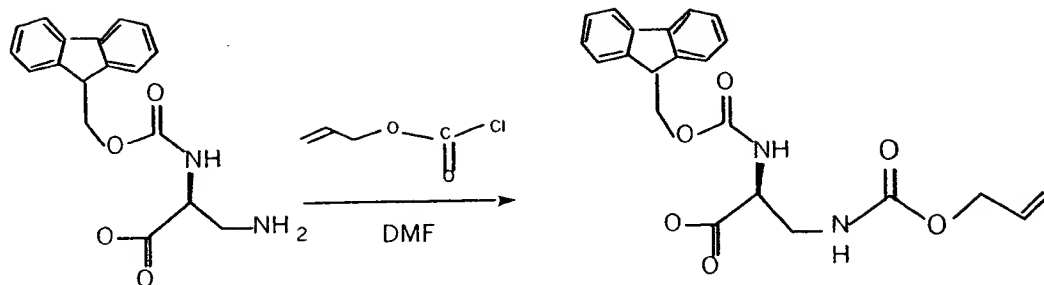


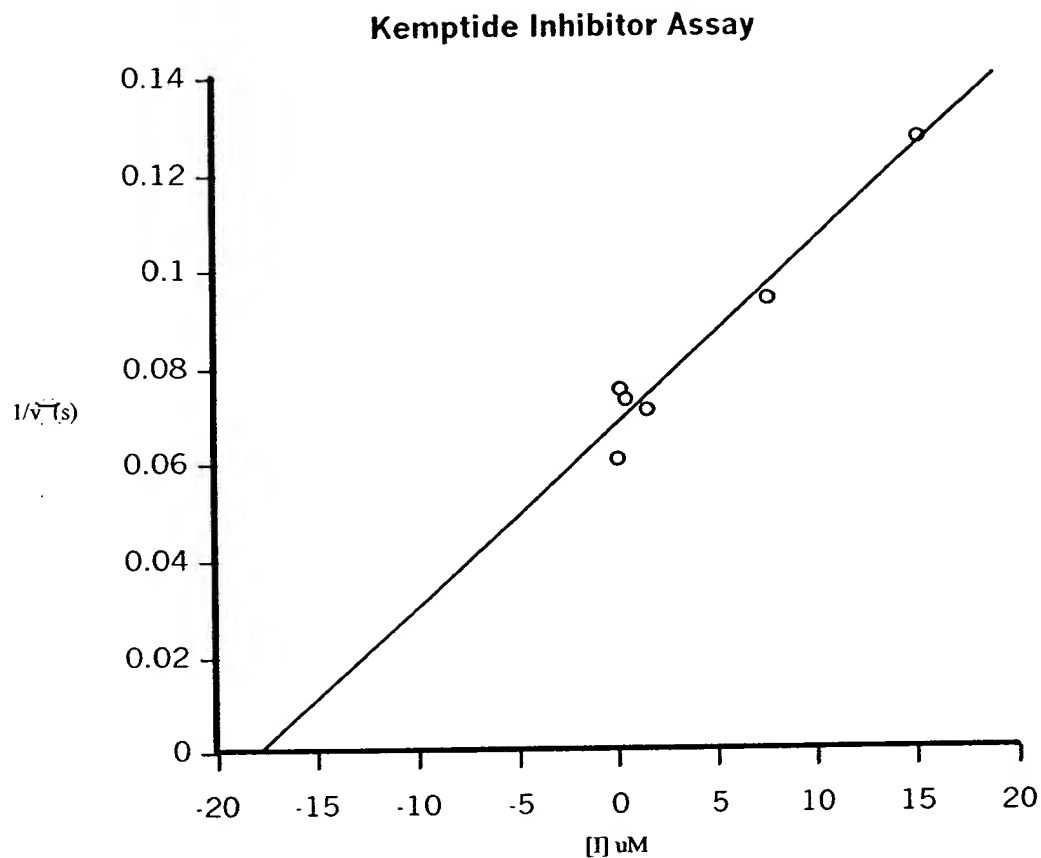
FIG. 3



Compound 4

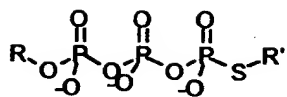
$\text{R}_1 = \text{AcNH}\cdot\text{Leu}\cdot\text{Arg}\cdot\text{Arg}\cdot\text{Ala}\cdot$
 $\text{R}_2 = \cdot\text{Leu}\cdot\text{Gly}\cdot\text{COOH}$
 $\text{R}_3 = \text{R}_1$ with Arg protecting groups
 $\text{R}_4 = \text{R}_2$ with Gly linked to Wang resin

FIG. 4



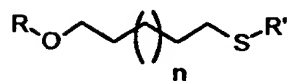
Inhibition assay for protein kinase A.
 Final concentrations for reaction components : ATP = 15 uM,
 kemptide = 25 uM, Mg²⁺ = 10mM, Tris-HCl = 40 mM,
 bovine serum albumin (from enzyme mix) 150 ug/mL.
 All reactions were carried out at pH 7.5 and with a
 final enzyme concentration of 0.35 nM
 for 2 minutes at 30 degrees Celsius.

FIG. 5

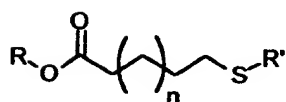


R'=CH₂CO-peptide or peptidomimetic

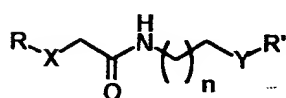
R=adenosine or nucleoside analog



n=0-6

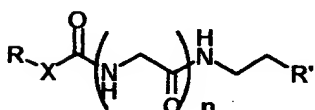


n=0-6



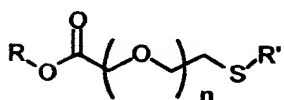
n=0-6

X=O, NH, S, CH₂
Y=O, NH, S, CH₂



X=O, NH, S, CH₂

n=0-6



n=0-6

FIG. 6